

(FILE 'HOME' ENTERED AT 09:30 ON 22 SEP 2003)

FILE 'CAPLUS' ENTERED AT 09:30:39 ON 22 SEP 2003
L1 STRUCTURE UPLOADED
S L1

FILE 'REGISTRY' ENTERED AT 09:31:14 ON 22 SEP 2003
L2 25 S L1

FILE 'CAPLUS' ENTERED AT 09:31:14 ON 22 SEP 2003
L3 26 S L2
L4 0 S L3 AND ACID NUMBER
S L1

FILE 'REGISTRY' ENTERED AT 09:33:17 ON 22 SEP 2003
L5 10808 S L1 FULL

FILE 'CAPLUS' ENTERED AT 09:33:34 ON 22 SEP 2003
L6 3708 S L5 FULL
L7 0 S L6 AND ACID NUMBER
L8 37 S L6 AND SULFUR
L9 2 S L6 AND SULFUR AND PHOSPHORUS
L10 STRUCTURE UPLOADED
L11 3359275 S 10
L12 22965 S L11 AND (CYCLOHEXANE OR CYCLOHEXENE)
L13 19 S L12 AND SULFUR AND PHOSPHORUS
L14 1 S L12 AND SULFUR AND PHOSPHORUS AND PEROXIDE AND CARBONYL

=> s l12 and diester
14427 DIESTER
L15 120 L12 AND DIESTER

=> s l11 and (cyclohexane or cyclohexene)
86206 CYCLOHEXANE
34212 CYCLOHEXENE
L16 29949 L11 AND (CYCLOHEXANE OR CYCLOHEXENE)

=> s l16 and diester
14427 DIESTER
L17 190 L16 AND DIESTER

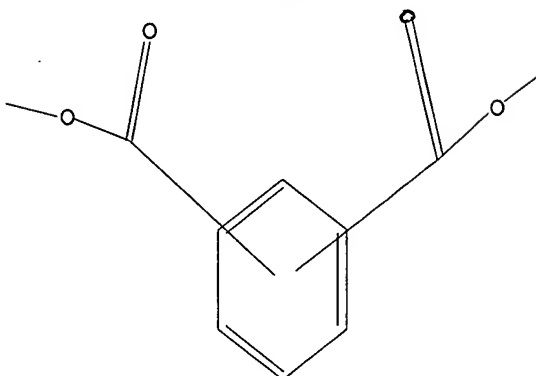
=> s l17 and sulfur and phosphorus
313999 SULFUR
264075 PHOSPHORUS
L18 0 L17 AND SULFUR AND PHOSPHORUS

=>

=>
Uploading 9287.str

L1 . STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1
REGISTRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 09:31:14 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 71034 TO ITERATE

1.4% PROCESSED 1000 ITERATIONS 25 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 32990

L2 25 SEA SSS SAM L1

L3 26 L2

=> s l3 and acid number
3722508 ACID
100654 NUMBER
1003 ACID NUMBER
(ACID(W) NUMBER)
L4 0 L3 AND ACID NUMBER

=> s l1 full
REGISTRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 09:33:17 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - >1,000,000 TO ITERATE

< 28.2% PROCESSED 400000 ITERATIONS 10808 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.17

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 37769

L5 10808 SEA SSS FUL L1

L6 3708 L5

=> s l6 and acid number

3722508 ACID

100654 NUMBER

1003 ACID NUMBER

(ACID(W)NUMBER)

L7 0 L6 AND ACID NUMBER

=> s l6 and sulfur

313999 SULFUR

L8 37 L6 AND SULFUR

=> s l6 and sulfur and phosphorus

313999 SULFUR

264075 PHOSPHORUS

L9 2 L6 AND SULFUR AND PHOSPHORUS

=> d 1-2 ibib abs hitstr

L9 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1999:751652 CAPLUS

DOCUMENT NUMBER: 132:4005

TITLE: Polyester elastomer resin compositions for blow
molding

INVENTOR(S): Furuta, Yoko; Akiba, Kazuki; Miyauchi, Michiharu

PATENT ASSIGNEE(S): Du Pont-Toray Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11323110	A2	19991126	JP 1998-376333	19981221
PRIORITY APPLN. INFO.:			JP 1998-78287	19980310

AB Title compns. comprise (A) 100 parts of a block copolymer consisting of
(a) high-m.p. cryst. polymer segment mainly composed by cryst. arom.
polyester units and (b) low-m.p. polymer segment mainly composed by aliph.
polyether units, (B) 0.01-10 parts of an epoxy compd. having >2 functional
groups, (C) 0.01-5 parts of an arom. amine-type antioxidant, (D) 0.01-5
parts of of a hindered phenol-type antioxidant, (E) 0.01-5 parts of a
sulfur-contg. antioxidant, and/or (F) 0.01-5 parts of a
phosphorus-contg. antioxidant. The compns. may also contain
0.1-20 parts of a polyamide resin. The compns. are suitable for making
flexible boots.

IT 250786-35-7P

RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM
(Technical or engineered material use); PREP (Preparation); USES (Uses)

(polyester elastomer resin compns. for blow molding)

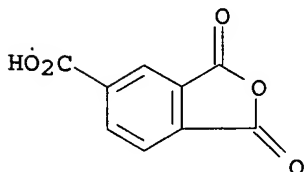
RN 250786-35-7 CAPLUS

CN 1,4-Benzenedicarboxylic acid, dimethyl ester, polymer with 1,4-butanediol,
1,3-dihydro-1,3-dioxo-5-isobenzofurancarboxylic acid, methyloxirane and
oxirane, block (9CI) (CA INDEX NAME)

CM 1

CRN 552-30-7

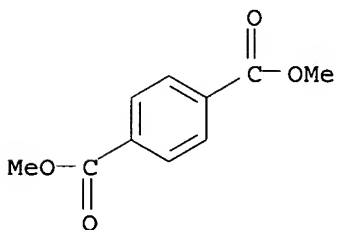
CMF C9 H4 O5



CM 2

CRN 120-61-6

CMF C10 H10 O4



CM 3

CRN 110-63-4

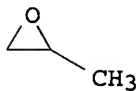
CMF C4 H10 O2

HO-(CH₂)₄-OH

CM 4

CRN 75-56-9

CMF C3 H6 O



CM 5

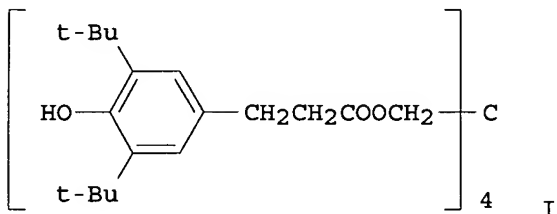
CRN 75-21-8

CMF C2 H4 O



ACCESSION NUMBER: 1999:751651 CAPLUS
 DOCUMENT NUMBER: 131:338213
 TITLE: Block polyether-polyester thermoplastic elastomer compositions having excellent resistance to oil, grease, and thermal aging
 INVENTOR(S): Furuta, Yoko; Kawaguchi, Yasuji
 PATENT ASSIGNEE(S): Du Pont-Toray Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11323109	A2	19991126	JP 1998-376031	19981218
PRIORITY APPLN. INFO.: GI			JP 1998-78280	19980310



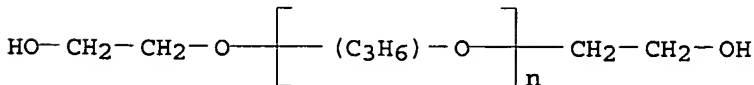
AB The compns. contain (A) 100 parts polyether-ester block copolymers composed mainly of (a) high-m.p. cryst. polymer segments comprising cryst. arom. polyester units and (b) low-m.p. polymer segments comprising aliph. polyether units, (B) 0.01-5 parts arom. amine-type antioxidants, (C) 0.01-5 parts hinderedphenol-type antioxidants, (D) 0.01-5 parts S-contg. antioxidants and/or (E) 0.01-5 parts P-contg. antioxidants, and optionally (F) 0.1-20 parts polyamides. Thus, 302:327:216 terephthalic acid-1,4-butanediol-poly(tetramethylene oxide) glycol block copolymer 100, p-PhCMe2C6H4NHC6H4CMe2Ph 1.5, a hindered phenol I 0.5, and (H25C12CO2CH2CH2)2S 0.5 part were dry-blended, kneaded at 240.degree., pelletized, and injection-molded to give test pieces having excellent resistance to hot (120.degree.) oil and grease, and aging at 160.degree..

IT 228545-71-9P
 RL: IMF (Industrial manufacture); POF (Polymer in formulation); PRP (Properties); PREP (Preparation); USES (Uses)
 (rubber; block polyether-polyester thermoplastic elastomer compns. having excellent resistance to oil, grease, and thermal aging)

RN 228545-71-9 CAPLUS
 CN 1,4-Benzenedicarboxylic acid, dimethyl ester, polymer with 1,4-butanediol and .alpha.-(2-hydroxyethyl)-.omega.-(2-hydroxyethoxy)poly[oxy(methyl-1,2-ethanediyl)], block (9CI) (CA INDEX NAME)

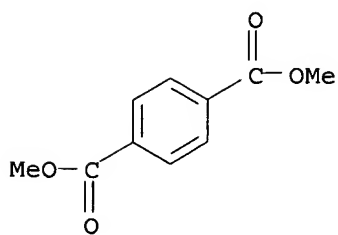
CM 1

CRN 161588-29-0
 CMF (C3 H6 O)n C4 H10 O3
 CCI IDS, PMS



CM 2

CRN 120-61-6
CMF C10 H10 O4



CM 3

CRN 110-63-4
CMF C4 H10 O2

